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# **Israel**

# **CITRUS ANNUAL**

# **Annual Report**

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## **Report Highlights:**

In 2009/10, citrus production in Israel is forecast at 627,000 tons, a 10 percent increase compared to the previous year. The expected increase in production is due to an increase in local easy peelers (mainly Or variety) and red grapefruit production. Citrus exports are expected to increase about 3-6 percent from the previous year, and delivery to processing plants is expected to increase about 15 percent.

## **Executive Summary:**

In 2009/10, total citrus production is forecast at about 627,000 tons, a 10 percent increase compared to the previous year. Out of the total production, approximately 183,000 tons (29 percent) is expected to be exported, 260,000 processed (42

percent), and the remainder consumed fresh. The expected increase is mainly due to increased yields of Or variety (easy peeler) and red grapefruit.

In 2008/9, despite the global economic recession combined with unfavorable exchange rates of the euro and U.S. dollar (mainly between September-December), and reduced imports of Israeli citrus from the Scandinavian countries, England and France, citrus exports increased 1 percent to 173,400 tons.

In August 2009, planted area totaled 17,724 ha, of which 14,748 ha (83 percent) were fruit-bearing. In 2008 and 2009, about 1,436 ha of fresh citrus were planted, mainly easy peelers (Or and Ora), red grapefruit (Star-Ruby and Rio-Red), and newhole (oranges). On the other hand, about 1,633 ha of citrus were uprooted in 2008 and 2009 mainly white grapefruit, sweetie, shamouti oranges, and pomelo (white & chandler) due to low profitability.

#### **Commodities:**

Select

## **Production:**

The forecast for 2009/10 is for a total production of about 627,000 MT, a ten percent increase compared to the previous year. Due to continued increase in the local planted area for red grapefruit and Or (easy peeler), it is estimated that in 2009/10 the yield for red grapefruit and Or will increase by about 20-30 tmt and 10-15 tmt, respectively.

Due to the cold spell that hit Israel in mid January 2008, there were some continued negative effects on citrus yields, and citrus production in MY 2008/9 increased only slightly and totaled 567,000 tmt.

**Table 1: Citrus Production by Varieties, Thousand Tons** 

MY	Total Production	Orange	Easy Peelers	Lemon and Lime	Grapefruit	Other Citrus [1]
2005/6	566.0	143.5	118.0	28.5	265.0	11.0
2006/7	634.0	188.0	140.0	51.0	242.0	13.0
2007/8	560.0	125.0	145.0	35.0	242.0	13.0
2008/9	567.0	155.0	139.0	29.0	232.0	12.0
2009/10*	627.0	160.0	153.0	55.0	244.0	14.7

Source: The Plants Production and Marketing Board, Citrus division, Israel

\*Forecast: Based on information collected

**Table 2: Species Share Out of Total Production, Percent** 

MY	Oranges	Easy Peelers	Lemon and Lime	Grapefruit	Other Citrus	Total
2005/6	25.4	20.8	5.0	46.8	1.9	100
2006/7	29.7	22.1	8.0	38.2	2.1	100
2007/8	22.3	25.9	6.3	43.2	2.3	100

2008/9	27.3	24.5	5.1	40.9	2.2	100
2009/10*	25.5	24.4	8.9	38.9	2.3	100

**Table 3: Citrus Disposition, by Destination, Tons** 

Period	Total Exp	orts	Delivery to Pr	ocessors	Local Fresh	Market	
MY	Quantity	%	Quantity	%	Quantity	%	<b>Total Percent</b>
2005/6	141,000	24.9	265,000	46.8	160,000	28.3	100
2006/7	177,224	27.7	283,000	44.7	175,000	27.6	100
2007/8	172,059	30.7	212,097	37.9	175,844	31.4	100
2008/9	173,413	30.6	223,310	39.4	170,277	30.0	100
2009/10*	183,000	29.2	260,000	41.5	184,000	29.3	100

\*Forecast: Based on information collected

#### **Planted Area**

In August 2009, planted area totaled 17,724 ha, of which 14,748 ha (83 percent) were fruit-bearing. In 2008 and 2009, about 1,436 ha of fresh citrus were planted, mainly easy peelers

(Or & Ora), red grapefruit (Star-Ruby & Rio-Red), and newhole (oranges). On the other hand, about 1,633 ha of fresh citrus were uprooted, mainly white grapefruit, sweetie, Shamouti (oranges), and pomelo (white & chandler).

Most of the citrus planted area is grown along the coastal plain, mostly in central and southern parts of the country (see chart 1, orange spots).

Table 4: Planted Area, by Variety, CY 2009

	На	%
Easy Peelers	5,883.8	33
Grapefruit	4,897.0	28
Oranges	4,618.4	26
Lemons and Lime	1,710.7	10
Others	614.1	3
Total	17,724	100

Source: The Plants Production and Marketing Board, Citrus Division, Israel

Table 5: Planted Area by Main Fresh Citrus Species, Ha, CY

		На		
	2009	2008	2007	2009 Percent Change Compared to 2007
Newhole (Oranges)	1,148.2	782.9	730.0	57%
Shamouti (Oranges)	2,100.7	2,505.5	2,900	-28%
Red Grapefruit	2,763.3	2,807.2	2,388.5	16%
White Grapefruit	1,306.5	1,757.9	1,680	-22%
Sweetie	791.0	1,079.3	1,072.9	-26%
Or (Easy peeler)	2,248.0	1,664.0	1,616.4	39%
Ora (Easy Peeler)	296.4	202.3	197.5	50%
White Pomelo	199.0	234.2	300.0	-34%

Chandler Pomelo	136.5	222.3	213.7	-36%

Chart 1: Planted Area by Area, Israel



<sup>[1]</sup> Other Citrus- Kumquat, Ethrog (Citron), Red & White Pomelo, Limquat.

## Consumption

In 2009/10, it is estimated that local consumption of fresh citrus will total approximately 180 tmt, a 4-8 percent increase from the previous year. The expected slight increase in local consumption is mainly due to the increase in local citrus production. In recent years, local consumption has not changed significantly and it is estimated that local consumption will be about 165-185 tmt in the forthcoming years.

## **The Processing Industry**

The forecast for 2009/10 is for deliveries of about 260,000 MT to the processing plants, 16 percent increase compared to the previous year. The expected increase is a result of a higher domestic supplies combined with expected higher prices for white grapefruit paid by the Israeli industry in 2009/10.

In MY 2008/9, deliveries of citrus to the processing plants increased by 5 percent compared to the previous MY. Due to higher prices for oranges paid by the local industry in MY 2008/9, deliveries of oranges (mainly Valencia) increased by 27 percent compared to MY 2007/8. On the other hand, due to low prices for white grapefruit paid by the Israeli industry, grapefruit deliveries did not increase in MY 2008/9. Ninety percent of total white grapefruit production is delivered to the processing industry. In recent years, the demand for easy peelers by the local processing plants has increased significantly and is expected to continue to grow in the near future.

Table 6: Delivery to the Processing Plants, MY, Tons

	2008/9	)	2007/8	
	Tons	%	Tons	%
Oranges	53,500	24	42,121	20
Grapefruit	141,674	63	144,241	68

Easy Peelers and Others	28,136	13	25,735	12
Total	223,310	100	212,097	100

#### Trade:

Exports are forecast to increase about 3-6 percent (about 183,000 tons) compared to the previous year. The expected slight increase in exports is mainly due to the increase in local red grapefruit and easy peelers production.

Citrus exports increased slightly in MY 2008/09 because of the global economic recession combined with unfavorable exchange rates of the euro and U.S. dollar (mainly between September-December), and reduced imports from Scandinavian countries, England and France.

Out of total citrus exports in 2008/9, 48.9 percent and 31.3 percent were the grapefruit and easy-peelers varieties, respectively. On the other hand, the market share for oranges has decreased by nearly 20 percent, from 19.9 percent market share in 2007/8 to 16.0 percent market share in 2008/9.

**Oranges** – due to continued competition from other oranges suppliers combined with decreased growers' revenues from oranges exports, exports of oranges in MY 2008/9 decreased by 8 and 21 percent compared MY 2007/8 and 2006/7, respectively.

**Easy Peelers** – In recent years, exports of easy peelers have increased and are expected to continue to increase in the forthcoming years. Post estimates that Or variety exports will continue to increase significantly in the near future (in MY 2008/9 Or exports totaled nearly 18,000 tons). In addition, Suntina variety exports reached a record high of 17,627 tons in 2008/9. It is estimated that Suntina exports will increase about 5-10 percent in 2009/10.

**Grapefruit** – In 2008/9, exports of red grapefruit (Sunrise variety) increased by 10 percent compared to the previous year and red grapefruit exports are expected to continue to grow by 5-10 percent in 2009/10. Exports of white grapefruit in 2008/9 were unchanged from the previous year and totaled 11,520 mt, of which 20 percent was exported to Italy. On the other hand, exports of sweetie variety decreased 10 percent compared to the previous year. The decrease was mainly due to the decrease in sweetie exports to Japan.

**Other Citrus** - Due to continued competition from China, post estimates that exports of the white and red pomelo varieties to Europe and Japan will continue to decrease in MY 2009/10. As a result of increased demand for lime in the local market, there were no lime exports in MY 2008/9. However, due to increase in local lime production in 2009/10 combined with increasing demand for lime in Europe, post estimates that in 2009/10 lime exports will total about 500-700 tons.

**Japan** - Exports of the sweetie variety to Japan in 2008/9 decreased by 35 percent compared to the previous year (from 427,250 cases to 277,936 cases). In addition, due to increased competition from China, no exports of red pomelo to Japan were recorded in 2008/9. On the other hand, due to decreased grapefruit production in Florida in 2008/9, exports of Israeli white grapefruit to Japan totaled 4,064 cases compared to 0 and 1,328 cases in 2007/8 and 2006/7, respectively. Post estimates that due to the continued decrease in grapefruit production in Florida, Israeli white grapefruit exports to Japan should continue to increase in 2009/10.

Table 7: Fresh Citrus Exports by Varieties, Tons, MY 2008/9

Variety	2006/7	2007/8	2008/9	2008/9 Percent Change Compared to 2007/8	2008/9 Percent Change Compared to 2006/7
Shamouti	24,576	16,892	17,405	3.0%	-29.2%
Valencia	8,880	11,902	8,502	-28.6%	-4.3%
Navels	1,721	1,521	1,843	21.2%	7.1%
Total Oranges	35,177	30,315	27,750	-8.5%	-21.1%
White					
Grapefruit	10,265	11,895	11,520	-3.2%	12.2%
Sunrise	58,991	54,506	60,107	10.3%	1.9%
Sweetie	12,873	14,708	13,219	-10.1%	2.7%
Total	00.400	04.400	04.046	4.50/	2.20/
Grapefruit	82,129	81,109	84,846	4.6%	3.3%
Topaz	5,725	5,428	6,449	18.8%	12.6%
Minneola	9,363	9,261	6,901	-25.5%	-26.3%
Suntina	16,302	16,911	17,627	4.2%	8.1%
Admoni	0	142	0	-100.0%	
Chasuma	1,029	968	169	-82.5%	-83.6%
Winnola	199	53	43	-18.9%	-78.4%
Merav	50	24	111	362.5%	122.0%
Mor	2,356	1,699	389	-77.1%	-83.5%
Or	13,199	11,484	17,960	56.4%	36.1%
Ora	665	1,312	1,665	26.9%	150.4%
Michal	802	1,066	644	-39.6%	-19.7%
Rishon	487	543	220	-59.5%	-54.8%
Morcot	990	1,104	1,804	63.4%	82.2%
Hadas	478	118	283	139.8%	-40.8%
Total Easy Peelers	51,645	50,113	54,265	8.3%	5.1%
Total Lemon	2,316	4,024	1,827	-54.6%	-21.1%
Lime	357	246	0	-100.0%	-100.0%
White Pomelo	2,202	2,553	905	-64.6%	-58.9%
Red Pomelo	2,631	2,895	3,132	8.2%	19.0%
Limquat	25	30	15	-50.0%	-40.0%
Kumquat	742	693	655	-5.5%	-11.7%
Total Other					
Citrus	5,957	6,417	4,707	-26.6%	-21.0%
Grand Total	177,224	171,978	173,395	0.8%	-2.2%

Table 8: Export Markets, Market Share and Tons, MY 2008/9

	Tons	Market Share
Western Europe	73,853	42%
Russia	38,987	22%

England	28,756	17%
Scandinavian Countries	16,558	10%
Far East	6,445	4%
Eastern Europe	2,706	2%
North America	2,083	1%
Other	4,091	2%

Table 9: Israeli Fresh Citrus Export to Japan, Cases, MY 2008/9

MY	2006/7	2007/8	2008/9	2008/9 Percent Change Compared to 2007/8
Sweetie	498,512	427,250	277,936	-35%
Red Pomelo	7,890	2,688	0	-100%
Shamouti	280,772	0	0	
Valencia	243,376	0	0	
White Grapefruit	1,328	0	4,064	Compared to 2006/7 - 206%

Source: The Plants Production and Marketing Board, Citrus Division, Israel

# **Production, Supply and Demand Data Statistics:** PSD TABLES:

# **Oranges, Fresh Israel**

Oranges, Fresh Ha 1000 trees	2007 2007/2008 Market Year Begin: Oct. 2007			2008 2008/2009 Market Year Begin: Oct. 2008			2009 2009/2010 Market Year Begin: Oct. 2009		
1000 tons	Annual Displa		Ne w Pos t	le Annual Data v Displayed		Ne w Pos t	Annual Displa		Jan
	Offici	Post	Dat	Offici	Post	Dat	Offici	Post	Dat
Area Planted	<b>al</b> 5,920	5,92 0	<b>a</b> 0	<b>al</b> 6,000	6,00 0	<b>a</b> 4,65 0	al		<b>a</b> 4,61 8
Area Harvested	5,540	5,54 0	0	5,650	5,65 0	4,15 0			4,10 0
Bearing Trees	0	0	0	0	0	0			0
Non-Bearing Trees	0	0	0	0	0	0			0
Total No. Of Trees	0	0	0	0	0	0			0
Production	125	125	125	170	170	155			160
Imports	0	0	0	0	0	0			0
Total Supply	125	125	125	170	170	155			160
Exports, Fresh	25	25	30	35	34	28			29
Fresh Dom. Consumption	59	59	53	74	75	73			65
For Processing	41	41	42	61	61	54			66
Total Distribution	125	125	125	170	170	155			160

# Tangerines/Mandarins, Fresh Israel

Tangerines, Fresh	2007 2007/2008			2008 2008/2009			2009 2009/2010			
Ha 1000 trees	Market	t Year Be ct. 2007		Market Year Begin: Oct. 2008			Market Year Begin: Oct. 2009			
1000 tons	Annual Data Displayed		New Post	Annual Data Displayed		New Post	Annual Data Displayed		Jan	
	Officia I	Post	Dat a	Officia I	Post	Data	Officia I	Post	Data	
Area Planted	5,632	5,632	0	6,232	6,232	5,20 0			5,88 4	
Area Harvested	5,320	5,320	0	5,340	5,340	4,70 0			4,90 0	
Bearing Trees	0	0	0	0	0	0			0	
Non-Bearing Trees	0	0	0	0	0	0			0	
Total No. Of Trees	0	0	0	0	0	0			0	
Production	145	145	0	140	139	139			153	
Imports	0	0	0	0	0	0			0	
Total Supply	145	145	0	140	139	139			153	
Exports, Fresh	50	50	0	50	52	54			58	
Fresh Dom. Consumption	65	65	0	56	53	59			60	
For Processing	30	30	0	34	34	26			35	
Total Distribution	145	145	0	140	139	139			153	

## **Grapefruit, Fresh Israel**

Grapefruit, Fresh	2007 2007/2008 Market Year Begin: Oct. 2007			2008 2008/2009 Market Year Begin: Oct. 2008			2009 2009/2010 Market Year Begin: Oct. 2009		
Ha 1000 trees									
1000 tons	Annual Data Ne Displayed w Pos t		Annual Data Displayed		Ne w Pos t	Annual Data Displayed		Jan	
	Officia	Post	Dat	Officia	Post	Dat	Officia	Post	Dat
Area Planted	5,700	5,70 0	<b>a</b> 5,00 0	6,170	6,17 0	<b>a</b> 4,85 0	ı		<b>a</b> 4,89 7
Area Harvested	5,340	5,34 0	4,10 0	5,360	5,36 0	4,20 0			4,25 0
Bearing Trees	0	0	0	0	0	0			0
Non-Bearing Trees	0	0	0	0	0	0			0
Total No. Of Trees	0	0	0	0	0	0			0
Production	242	242	242	240	238	232			244
Imports	0	0	0	0	0	0			0
Total Supply	242	242	242	240	238	232			244
Exports, Fresh	81	81	81	80	79	85			86
Fresh Dom. Consumption	15	15	17	5	5	5			5
For Processing	146	146	144	155	154	142			153
Total Distribution	242	242	242	240	238	232			244

# Lemons, Fresh Israel

Lemons, Fresh	2007	2008	2009
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Ha 1000 trees	200 Market O	2008/2009 Market Year Begin: Oct. 2008			2009/2010 Market Year Begin: Oct. 2009				
1000 tons	Annual Displa		Ne w Pos t	Annual Data Displayed		Ne w Pos t	Displayed		Jan
	Officia	Post	Dat	Officia	Post	Dat	Officia	Post	Dat
Area Planted	1,853	1,85 3	<b>a</b> 1,72 0	1,900	1,90 0	<b>a</b> 1,66 0	ı		<b>a</b> 1,71 1
Area Harvested	1,700	1,70 0	1,25 0	1,660	1,66 0	1,30 0			1,50 0
Bearing Trees	0	0	0	0	0	0			0
Non-Bearing Trees	0	0	0	0	0	0			0
Total No. Of Trees	0	0	0	0	0	0			0
Production	35	35	35	30	30	30			55
Imports	0	0	0	0	0	0			0
Total Supply	35	35	35	30	30	30			55
Exports, Fresh	4	4	4	2	2	2			5
Fresh Dom. Consumption	28	28	28	25	25	26			46
For Processing	3	3	3	3	3	2			4
Total Distribution	35	35	35	30	30	30			55

# Other Citrus, Fresh Israel

Citrus, Other, Fresh  Ha 1000 trees	2007 2007/2008 Market Year Begin: Oct. 2007			2008 2008/2009 Market Year Begin: Oct. 2008			2009 2009/2010 Market Year Begin: Oct. 2009		
1000 tons	Annual Displa		Ne w Pos t	Annual Data Displayed		Ne w Pos t	Annual Displa		
	Officia	Post	Dat a	Officia	Post	Dat a	Officia	Post	Dat a
Area Planted	695	688	<b>720</b>	•	700	735	•		<b>6</b> 14
Area Harvested	650	650	590		655	600			580
Bearing Trees	0	0	0		0	0			0
Non-Bearing Trees	0	0	0		0	0			0
Total No. Of Trees	0	0	0		0	0			0
Production	17	13	13		13	12			15
Imports	0	0	0		0	0			0
Total Supply	17	13	13		13	12			15
Exports, Fresh	6	6	6		6	5			5
Fresh Dom. Consumption	11	7	7		7	7			8
For Processing	0	0	0		0	0			2
Total Distribution	17	13	13		13	12			15